Table CT1. Energy Consumption Estimates for Major Energy Sources in Physical Units, Selected Years, 1960-2013, Kansas

Year	Coal	Natural Gas [a]	Petroleum							Nuclear Electric Power	Hydro-electric Power [f]	Fuel Ethanol [g]
			Distillate Fuel Oil	Jet Fuel [b]	LPG [c]	Motor Gasoline [d]	Residual Fuel Oil	Other [e]	Total			
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatthours		Thousand Barrels
1960	675	361	4,739	952	5,590	23,712	2,403	9,602	46,998	0	20	NA
1965	644	443	5,257	1,053	6,521	25,525	1,066	12,322	51,744	0	13	NA
1970	458	576	7,550	1,561	8,009	28,849	1,127	10,093	57,189	0	7	NA
1971	459	607	8,385	1,525	7,769	29,136	811	10,038	57,665	0	7	NA
1972	531	628	9,010	1,452	8,293	31,075	2,256	10,445	62,531	0	5	NA
1973	1,185	604	10,303	1,399	8,472	31,273	2,541	11,931	65,919	0	3	NA
1974	1,952	587	10,778	1,404	8,439	31,000	2,791	11,733	66,144	0	7	NA
1975	3,117	499	11,273	1,310	8,857	32,004	6,365	11,479	71,288	0	5	NA
1976	3,597	515	12,071	1,239	9,952	33,850	6,220	11,721	75,052	0	5	NA
1977	4,682	507	12,456	1,426	10,087	33,273	6,282	12,652	76,175	0	3	NA
1978	7,469	519	14,250	1,506	9,046	33,496	6,771	13,062	78,131	0	5	NA
1979	7,878	584	19,555	1,922	9,862	31,885	4,718	13,355	81,298	0	4	NA
1980	10,370	488	14,764	2,466	8,404	29,584	1,498	12,696	69,413	0	8	NA
1981	11,684	428	13,414	2,442	7,438	29,272	1,037	9,086	62,688	0	8	39
1982	11,895	401	13,814	1,834	11,948	28,588	1,028	7,717	64,927	0	7	18
1983	13,103	346	14,009	1,492	12,021	28,603	1,956	8,157	66,237	0	6	157
1984	15,565	364	14,764	3,338	26,692	28,499	1,154	8,820	83,266	0	7	612
1985	14,715	355	14,902	4,424	24,510	28,209	86	7,578	79,710	3,856	9	529
1986	14,359	313	14,229	7,038	16,615	28,453	487	9,182	76,003	6,959	8	505
1987	15,194	328	17,068	4,285	16,113	29,123	353	9,687	76,628	6,471	9	341
1988	14,951	353	16,751	4,176	19,029	30,819	811	12,484	84,070	6,650	12	294
1989	14,963	341	16,095	3,833	18,889	29,852	367	11,408	80,445	9,709	10	286
1990	15,175	353	16,697	3,701	15,565	28,626	229	12,171	76,989	7,874	13	175
1991	14,881	371	15,624	3,296	13,293	28,041	128	10,045	70,426	5,859	11	170
1992	14,227	343	14,895	4,164	16,816	27,821	178	10,654	74,528	8,491	10	167
1993	17,386	392	16,016	3,617	8,269	28,480	369	9,565	66,316	7,900	5	145
1994	17,158	416	14,687	1,981	7,754	29,073	187	11,235	64,917	8,529	10	137
1995	16,521	367	18,223	2,414	4,924	29,402	31	10,169	65,162	10,062	11	110
1996	19,084	362	16,570	2,009	10,442	30,927	289	10,310	70,548	8,205	11	68
1997	17,673	338	16,375	2,131	14,557	30,695	257	8,941	72,955	8,430	14	68
1998	17,736	327	15,930	2,159	14,121	32,001	269	8,789	73,270	10,411	11	84
1999	19,003	303	15,660	3,476	21,741	33,550	570	9,064	84,060	9,157	12	140
2000	20,845	312	14,849	3,234	17,401	31,894	937	8,446	76,762	9,061	15	62
2001	20,316	273	15,550	2,259	11,122	30,297	1,301	11,152	71,680	10,347	26	58
2002	22,838	305	16,359	2,135	10,659	28,571	991	10,389	69,105	9,042	13	705
2003	22,738	281	17,100	3,228	16,944	32,721	2,160	9,969	82,121	8,890	12	999
2004	22,341	257	17,155	3,104	14,808	31,815	2,184	10,269	79,336	10,133	13	100
2005	22,251	255	18,147	1,758	2,768	28,162	2,055	9,620	62,510	8,821	11	747
2006	21,110	264	18,969	1,752	1,875	31,603	619	9,633	64,452	9,350	10	753
2007	23,020	287	19,391	1,543	17,592	31,979	464	9,506	80,474	10,369	11	1,448
2008	21,779	283	20,104	1,735	15,110	31,204	1,220	8,502	77,875	8,497	11	2,628
2009	20,888	287	19,471	2,447	16,277	31,768	445	8,695	79,102	8,769	13	2,532
2010	21,076	275	19,146	3,034	17,717	31,771	361	9,330	81,360	9,556	13	R 2,514
2011	20,233	280	18,620	2,951	17,954	30,677	274	9,212	79,688	7,319	15	R 2,533
2012	R 17,847	262	18,737	2,759	17,967	R 30,718	250	R 9,126	R 79,556	8,285	10	R 2,391
2013	19,000	284	21,710	1,785	19,613	30,675	176	8,655	82,615	7,168	15	2,426

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[b] Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."
[c] Liquefied petroleum gases, includes ethane and olefins.
[d] Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.
[e] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."
[f] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[g] Includes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.
NA = Not available.
Where shown, R = Revised data and (s) = Value less than 0.5.
Note: Totals may not equal sum of components due to independent rounding.
Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2013, Kansas

(Trillion Btu)

Year	Fossil Fuels										Fossil Fuels (as commingled)	
			Petroleum									
	Coal	Natural Gas excluding Supplemental Gaseous Fuels [a]	Distillate Fuel Oil	Jet Fuel [b]	LPG [c]	Motor Gasoline excluding Fuel Ethanol [a]	Residual Fuel Oil	Other [d]	Total	Total	*Natural Gas including Supplemental Gaseous Fuels* [a]	*Motor Gasoline including Fuel Ethanol* [a]
1960	15.7	373.7	27.6	5.1	21.9	124.6	15.1	58.7	252.9	642.3	*373.7*	*124.6*
1965	15.3	440.8	30.6	5.7	25.5	134.1	6.7	74.8	277.4	733.5	*440.8*	*134.1*
1970	10.7	574.5	44.0	8.6	30.5	151.5	7.1	61.3	303.1	888.3	*574.5*	*151.5*
1971	10.8	605.8	48.8	8.4	29.6	153.1	5.1	61.5	306.4	923.0	*605.8*	*153.1*
1972	12.4	626.9	52.5	8.0	31.5	163.2	14.2	63.8	333.3	972.5	*626.9*	*163.2*
1973	24.6	597.2	60.0	7.7	32.1	164.3	16.0	73.0	353.1	974.9	*597.2*	*164.3*
1974	39.1	578.8	62.8	7.7	31.9	162.8	17.5	71.8	354.6	972.5	*578.8*	*162.8*
1975	62.3	490.7	65.7	7.2	33.4	168.1	40.0	70.0	384.4	937.4	*490.7*	*168.1*
1976	73.4	505.4	70.3	6.8	37.4	177.8	39.1	71.4	402.8	981.6	*505.4*	*177.8*
1977	89.5	497.3	72.6	7.9	37.7	174.8	39.5	77.1	409.5	996.3	*497.3*	*174.8*
1978	136.8	508.0	83.0	8.4	33.8	176.0	42.6	80.1	423.8	1,068.6	*508.0*	*176.0*
1979	147.5	571.3	113.9	10.7	36.5	167.5	29.7	81.5	439.8	1,158.5	*571.3*	*167.5*
1980	191.6	482.0	86.0	13.8	31.1	155.4	9.4	77.6	373.3	1,046.8	*482.0*	*155.4*
1981	212.9	422.6	78.1	13.6	27.3	153.8	6.5	56.4	335.7	971.2	*422.6*	*153.8*
1982	212.5	400.5	80.5	10.2	43.1	150.2	6.5	47.8	338.3	951.3	*400.5*	*150.2*
1983	231.2	345.9	81.6	8.2	43.4	150.3	12.3	49.9	345.7	922.7	*345.9*	*150.3*
1984	274.8	360.8	86.0	18.7	95.0	149.7	7.3	54.1	410.7	1,046.3	*360.8*	*149.7*
1985	259.5	354.8	86.8	24.8	87.4	148.2	0.5	46.9	394.8	1,009.0	*354.8*	*148.2*
1986	251.7	308.0	82.9	39.7	60.0	149.5	3.1	57.3	392.4	952.1	*308.0*	*149.5*
1987	267.4	343.2	99.4	24.1	58.6	153.0	2.2	59.7	397.0	1,007.6	*343.2*	*153.0*
1988	269.3	348.0	97.6	23.4	69.0	161.9	5.1	77.5	434.5	1,051.8	*348.0*	*161.9*
1989	267.9	338.6	93.8	21.5	69.1	156.8	2.3	69.9	413.4	1,019.9	*338.6*	*156.8*
1990	271.7	352.6	97.3	20.7	55.9	150.4	1.4	75.0	400.7	1,025.1	*352.6*	*150.4*
1991	268.5	373.2	91.0	18.3	47.7	147.3	0.8	62.9	368.0	1,009.7	*373.2*	*147.3*
1992	253.3	338.8	86.8	23.2	60.4	146.1	1.1	66.2	383.8	975.9	*338.8*	*146.1*
1993	302.6	386.5	93.3	20.2	29.7	R 148.5	2.3	59.8	R 353.8	R 1,042.9	*386.5*	R *149.0*
1994	301.0	415.6	R 85.5	11.0	28.1	151.6	1.2	70.5	347.9	1,064.4	*415.6*	*152.1*
1995	289.7	367.7	R 106.1	13.7	18.1	R 153.0	0.2	63.6	354.6	1,012.0	*367.7*	R *153.4*
1996	338.3	360.9	R 96.4	11.4	37.8	161.1	1.8	64.0	372.6	1,071.8	*360.9*	R *161.4*
1997	310.9	338.6	R 95.3	12.1	52.6	159.8	1.6	54.8	376.2	1,025.7	*338.6*	R *160.1*
1998	309.4	325.0	R 92.7	12.2	51.1	R 166.6	1.7	54.4	378.7	1,013.1	*325.0*	R *166.9*
1999	329.3	302.0	R 91.1	19.7	78.4	R 174.4	3.6	55.7	422.9	1,054.2	*302.0*	R *174.9*
2000	362.8	314.9	R 86.4	18.3	62.5	R 166.1	5.9	52.2	R 391.5	1,069.1	*314.9*	R *166.3*
2001	354.6	273.9	R 90.5	12.8	40.1	R 157.8	8.2	69.4	R 378.7	1,007.2	*273.9*	R *158.0*
2002	391.7	307.4	R 95.2	12.1	38.6	146.4	6.2	64.6	363.2	1,062.3	*307.4*	R *148.9*
2003	389.5	284.7	R 99.5	18.3	61.1	R 166.8	13.6	61.6	R 420.9	R 1,095.1	*284.7*	R *170.2*
2004	385.5	260.1	R 99.8	17.6	53.4	R 165.1	13.7	R 64.1	R 413.7	R 1,059.3	*260.1*	R *165.5*
2005	379.8	258.7	R 105.6	10.0	10.6	R 143.8	12.9	R 59.2	R 342.1	R 980.6	*258.7*	R *146.4*
2006	364.2	269.3	R 110.1	9.9	7.2	R 161.4	3.9	R 59.3	R 351.9	R 985.3	*269.3*	R *164.1*
2007	396.3	291.7	R 112.2	8.7	62.8	R 159.8	2.9	R 58.3	R 404.7	R 1,092.7	*291.7*	R *164.8*
2008	371.8	292.5	R 116.2	9.8	54.1	R 150.8	7.7	R 52.0	R 390.6	R 1,054.9	*292.5*	R *160.0*
2009	356.1	292.4	R 112.6	13.9	57.5	R 153.3	2.8	R 53.4	R 393.5	R 1,042.0	*292.4*	R *162.0*
2010	359.9	280.4	R 110.6	17.2	62.6	R 152.6	2.3	R 57.2	R 402.5	R 1,042.8	*280.4*	R *161.3*
2011	346.5	285.3	R 107.5	16.7	62.8	R 146.7	1.7	R 56.5	R 392.0	R 1,023.9	*285.3*	R *155.5*
2012	R 307.6	R 268.1	R 108.2	15.6	63.1	R 147.2	1.6	R 56.1	R 391.8	R 967.4	R *268.1*	R *155.5*
2013	326.8	289.0	125.4	10.1	69.3	146.9	1.1	53.1	405.8	1,021.7	*289.0*	*155.3*

[a] Supplemental gaseous fuels (SGF) and fuel ethanol are consumed with natural gas and motor gasoline, respectively. In this table, natural gas excluding SGF and motor gasoline excluding fuel ethanol are presented so that a fossil fuel total can be calculated. Natural gas including SGF and motor gasoline including fuel ethanol are presented separately for reference.

[b] Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

[c] Liquefied petroleum gases, includes ethane and olefins.

[d] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2013, Kansas (Continued)

(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy									Net Interstate Flow of Electricity [j]	Net Electricity Imports [k]	Total
		Hydro-electric Power [e]	Biomass				Geo-thermal	Solar/PV [i]	Wind	Total			
			Wood and Waste [f]	Fuel Ethanol [g]	Losses and Co-products [h]	Total							
1960	0.0	0.2	3.9	NA	NA	3.9	0.0	NA	NA	4.1	-14.6	0.0	631.8
1965	0.0	0.1	3.4	NA	NA	3.4	0.0	NA	NA	3.5	-12.8	0.0	724.2
1970	0.0	0.1	3.7	NA	NA	3.7	0.0	NA	NA	3.7	-17.6	0.0	874.4
1971	0.0	0.1	3.9	NA	NA	3.9	0.0	NA	NA	3.9	-18.5	0.0	908.4
1972	0.0	(s)	5.7	NA	NA	5.7	0.0	NA	NA	5.7	-16.9	0.0	961.3
1973	0.0	(s)	6.0	NA	NA	6.0	0.0	NA	NA	6.0	-14.4	0.0	966.5
1974	0.0	0.1	5.8	NA	NA	5.8	0.0	NA	NA	5.9	-18.5	0.0	959.9
1975	0.0	(s)	5.8	NA	NA	5.8	0.0	NA	NA	5.8	-18.0	0.0	925.2
1976	0.0	0.1	6.5	NA	NA	6.5	0.0	NA	NA	6.5	-15.3	0.0	972.9
1977	0.0	(s)	6.8	NA	NA	6.8	0.0	NA	NA	6.9	-21.5	0.0	981.6
1978	0.0	(s)	7.5	NA	NA	7.5	0.0	NA	NA	7.5	-38.6	0.0	1,037.5
1979	0.0	(s)	7.9	NA	NA	7.9	0.0	NA	NA	7.9	-33.7	0.0	1,132.8
1980	0.0	0.1	9.0	NA	NA	9.0	0.0	NA	NA	9.1	-33.2	0.0	1,022.7
1981	0.0	0.1	8.1	0.1	0.2	8.4	0.0	NA	NA	8.5	-31.8	0.0	947.9
1982	0.0	0.1	9.7	0.1	0.6	10.3	0.0	NA	NA	10.4	-15.5	0.0	946.1
1983	0.0	0.1	9.0	0.5	1.1	10.6	0.0	NA	0.0	10.7	-15.0	0.0	918.4
1984	0.0	0.1	11.1	2.1	1.4	14.6	0.0	0.0	(s)	14.7	-41.1	0.0	1,020.0
1985	41.0	0.1	11.5	1.8	1.4	14.8	0.0	0.0	(s)	14.8	-50.2	0.0	1,014.6
1986	73.6	0.1	18.5	1.8	1.5	21.7	0.0	0.0	(s)	21.8	-71.7	0.0	975.9
1987	67.6	0.1	17.6	1.2	1.7	20.4	0.0	0.0	(s)	20.5	-78.5	0.0	1,017.1
1988	70.5	0.1	18.9	1.0	1.7	21.6	0.0	0.0	(s)	21.7	-72.6	0.0	1,071.5
1989	102.8	0.1	15.0	1.0	1.6	17.6	(s)	(s)	(s)	17.7	-95.8	0.0	1,044.6
1990	83.3	0.1	11.8	0.6	1.3	13.7	(s)	(s)	(s)	13.9	-55.9	0.0	1,066.5
1991	61.4	0.1	12.0	0.6	1.5	14.1	0.1	(s)	(s)	14.3	-24.5	0.0	1,061.0
1992	88.9	0.1	12.1	0.6	1.3	14.0	0.1	(s)	(s)	14.2	-31.0	0.0	1,048.0
1993	83.0	0.1	10.9	0.5	1.9	13.3	0.1	(s)	(s)	13.5	-63.5	0.0	R 1,075.9
1994	89.1	0.1	10.3	0.5	2.1	12.8	0.1	(s)	(s)	13.1	-65.3	0.0	R 1,101.3
1995	105.7	0.1	10.3	0.4	1.9	12.7	0.1	(s)	(s)	12.9	-65.2	0.0	1,065.6
1996	86.2	0.1	10.5	0.2	0.8	11.5	0.2	(s)	0.0	11.8	-74.0	0.0	1,095.8
1997	88.5	0.1	8.4	0.2	1.3	10.0	0.2	(s)	0.0	10.4	-39.1	(s)	1,085.5
1998	109.2	0.1	7.7	0.3	1.5	9.5	0.2	(s)	0.0	9.9	-58.5	(s)	1,073.8
1999	95.7	0.1	7.9	0.5	1.4	9.7	0.3	(s)	0.0	10.1	-66.9	(s)	1,093.1
2000	94.5	0.2	7.6	0.2	1.6	9.5	0.3	(s)	0.0	9.9	-73.4	0.0	1,100.1
2001	108.1	0.3	8.0	0.2	1.8	9.9	0.3	(s)	0.4	10.9	-77.3	0.0	1,048.8
2002	94.4	0.1	8.1	2.4	3.8	14.3	0.3	(s)	4.7	19.5	-91.8	0.0	1,084.4
2003	92.6	0.1	8.3	3.5	5.9	R 17.6	0.4	(s)	3.7	21.9	-84.7	0.0	R 1,125.0
2004	105.7	0.1	8.4	0.3	6.6	R 15.3	0.5	(s)	3.6	R 19.5	-79.0	(s)	R 1,105.6
2005	92.1	0.1	7.6	2.6	R 7.7	R 17.9	0.5	(s)	4.3	R 22.8	-45.8	(s)	R 1,049.7
2006	97.6	0.1	4.7	2.6	R 10.0	R 17.3	0.6	(s)	9.8	R 27.9	-33.0	0.0	R 1,077.8
2007	108.8	0.1	5.1	5.0	R 13.1	R 23.3	0.6	(s)	11.4	R 35.4	-77.8	(s)	R 1,159.1
2008	88.8	0.1	5.6	9.1	R 24.7	R 39.4	0.7	(s)	17.3	R 57.6	R -46.5	0.0	R 1,154.8
2009	91.7	0.1	5.7	8.8	R 22.6	R 37.1	0.8	(s)	27.9	R 66.0	-65.4	(s)	R 1,134.3
2010	99.9	0.1	5.8	R 8.7	R 24.9	R 39.3	0.9	(s)	33.2	R 73.6	-53.7	0.0	R 1,162.6
2011	76.6	0.1	R 8.1	R 8.8	R 24.3	R 41.1	1.0	(s)	36.1	R 78.5	-20.9	0.0	R 1,158.0
2012	86.8	0.1	R 7.4	R 8.3	R 22.8	R 38.5	1.0	0.1	49.4	R 89.1	-13.9	0.0	R 1,129.4
2013	74.9	0.1	8.5	8.4	23.8	40.7	1.0	0.1	90.0	131.9	-65.4	0.0	1,163.1

[e] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

[f] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

[g] Excludes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

[h] Losses and co-products from the production of fuel ethanol.

[i] Solar thermal and photovoltaic energy.

[j] Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state during the year. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

[k] Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2013, Kansas

Year	Coal	Natural Gas [a]	Petroleum							Hydro-electric Power [f,g]	Biomass		Geo-thermal [g]	Solar Thermal/ Photo-voltaic [g]	Retail Electricity Sales	Net Energy [g,j]	Electrical System Energy Losses [k]	Total [g,j]
			Distillate Fuel Oil	Jet Fuel [b]	LPG [c]	Motor Gasoline [d]	Residual Fuel Oil	Other [e]	Total		Wood and Waste [g,h]	Losses and Co-products [i]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatt-hours					Million Kilowatt-hours			
1960	240	279	4,629	952	5,590	23,712	2,161	9,602	46,647	0	– –	– –	– –	– –	7,019	– –	– –	– –
1965	166	330	5,186	1,053	6,521	25,525	910	12,322	51,518	0	– –	– –	– –	– –	9,750	– –	– –	– –
1970	114	408	7,375	1,561	8,009	28,849	743	10,093	56,629	0	– –	– –	– –	– –	13,864	– –	– –	– –
1975	134	371	9,734	1,310	8,857	32,004	2,231	11,475	65,612	0	– –	– –	– –	– –	17,523	– –	– –	– –
1980	336	387	14,382	2,466	8,404	29,584	1,006	12,696	68,539	0	– –	– –	– –	– –	21,840	– –	– –	– –
1985	364	334	14,707	4,424	24,510	28,209	66	7,578	79,494	0	– –	– –	– –	– –	23,536	– –	– –	– –
1990	157	326	16,567	3,701	15,565	28,626	208	12,171	76,838	0	– –	– –	– –	– –	27,149	– –	– –	– –
1995	175	339	18,073	2,414	4,924	29,402	30	10,169	65,011	0	– –	– –	– –	– –	30,357	– –	– –	– –
2000	145	279	14,580	3,234	17,401	31,894	404	8,446	75,959	0	– –	– –	– –	– –	35,921	– –	– –	– –
2001	166	249	15,357	2,259	11,122	30,297	325	11,152	70,511	0	– –	– –	– –	– –	35,847	– –	– –	– –
2002	178	284	16,238	2,135	10,659	28,571	188	10,389	68,182	0	– –	– –	– –	– –	36,714	– –	– –	– –
2003	158	267	16,953	3,228	16,944	32,721	632	9,969	80,447	0	– –	– –	– –	– –	36,735	– –	– –	– –
2004	203	246	17,050	3,104	14,808	31,815	674	10,269	77,721	0	– –	– –	– –	– –	37,127	– –	– –	– –
2005	205	241	18,012	1,758	2,768	28,162	333	9,620	60,653	0	– –	– –	– –	– –	39,024	– –	– –	– –
2006	237	242	18,847	1,752	1,875	31,603	619	9,633	64,330	0	– –	– –	– –	– –	39,751	– –	– –	– –
2007	241	261	19,297	1,543	17,592	31,979	464	9,130	80,004	0	– –	– –	– –	– –	40,166	– –	– –	– –
2008	162	256	20,013	1,735	15,110	31,204	1,220	8,244	77,526	0	– –	– –	– –	– –	R 39,965	– –	– –	– –
2009	105	255	19,385	2,447	16,277	31,768	445	8,428	78,749	0	– –	– –	– –	– –	38,243	– –	– –	– –
2010	111	247	19,049	3,034	17,717	31,771	361	9,132	81,064	0	– –	– –	– –	– –	40,421	– –	– –	– –
2011	104	249	18,533	2,951	17,954	30,677	274	9,146	79,535	0	– –	– –	– –	– –	40,760	– –	– –	– –
2012	R 88	230	18,659	2,759	17,967	R 30,718	250	R 9,126	R 79,478	0	– –	– –	– –	– –	40,293	– –	– –	– –
2013	85	261	21,601	1,785	19,613	30,675	176	8,655	82,506	0	– –	– –	– –	– –	39,847	– –	– –	– –
			Trillion Btu															
1960	5.4	288.6	27.0	5.1	21.9	124.6	13.6	58.7	250.7	0.0	3.9	NA	NA	NA	23.9	572.6	59.2	631.8
1965	3.7	328.4	30.2	5.7	25.5	134.1	5.7	74.8	276.0	0.0	3.4	NA	NA	NA	33.3	644.7	79.4	724.2
1970	2.4	407.0	43.0	8.6	30.5	151.5	4.7	61.3	299.6	0.0	3.7	NA	NA	NA	47.3	760.0	114.4	874.4
1975	2.7	364.1	56.7	7.2	33.4	168.1	14.0	70.0	349.4	0.0	5.8	NA	NA	NA	59.8	781.8	143.4	925.2
1980	7.2	385.0	83.8	13.8	31.1	155.4	6.3	77.6	368.0	0.0	9.0	NA	NA	NA	74.5	843.7	179.0	1,022.7
1985	7.8	334.3	85.7	24.8	87.4	148.2	0.4	46.9	393.5	0.0	11.5	1.4	NA	NA	80.3	830.6	183.9	1,014.6
1990	3.8	325.5	96.5	20.7	55.9	150.4	1.3	75.0	399.9	0.0	11.8	1.3	(s)	(s)	92.6	835.5	230.9	1,066.5
1995	4.2	340.1	R 105.2	13.7	18.1	R 153.4	0.2	63.6	354.1	0.0	10.3	1.9	0.1	(s)	103.6	814.5	251.1	1,065.6
2000	3.5	281.0	R 84.8	18.3	62.5	R 166.3	2.5	52.2	R 386.8	0.0	7.6	1.6	0.3	(s)	122.6	R 803.4	296.7	1,100.1
2001	3.9	250.4	R 89.4	12.8	40.1	R 158.0	2.0	69.4	371.6	0.0	8.0	1.8	0.3	(s)	122.3	758.2	290.7	1,048.8
2002	4.3	286.0	R 94.5	12.1	38.6	R 148.9	1.2	64.6	359.9	0.0	8.1	3.8	0.3	(s)	125.3	787.7	296.7	1,084.4
2003	3.8	270.2	R 98.7	18.3	61.1	R 170.2	4.0	61.6	R 414.0	0.0	8.3	5.9	0.4	(s)	125.3	R 827.9	297.1	R 1,125.0
2004	5.0	249.6	R 99.2	17.6	53.4	R 165.5	4.2	R 64.1	R 404.0	0.0	8.4	6.6	0.5	(s)	126.7	R 800.7	304.8	R 1,105.6
2005	5.0	244.5	R 104.8	10.0	10.6	R 146.4	2.1	R 59.2	R 333.1	0.0	7.6	R 7.7	0.5	(s)	133.2	R 731.5	318.1	R 1,049.7
2006	5.7	246.5	R 109.4	9.9	7.2	R 164.1	3.9	R 59.3	R 353.8	0.0	4.7	R 10.0	0.6	(s)	135.6	R 756.9	320.9	R 1,077.8
2007	5.8	265.6	R 111.6	8.7	62.8	R 164.8	2.9	R 56.1	R 407.0	0.0	5.1	R 13.1	0.6	(s)	137.0	R 834.4	R 324.8	R 1,159.1
2008	4.0	265.4	R 115.7	9.8	54.1	R 160.0	7.7	R 50.5	R 397.7	0.0	5.6	R 24.7	0.7	(s)	R 136.4	R 834.6	R 320.3	R 1,154.8
2009	2.5	259.9	R 112.1	13.9	57.5	R 162.0	2.8	R 51.9	R 400.2	0.0	5.7	R 22.6	0.8	(s)	130.5	R 822.3	312.0	R 1,134.3
2010	2.7	252.0	R 110.1	17.2	62.6	R 161.3	2.3	R 56.1	R 409.5	0.0	5.2	R 24.9	0.9	(s)	137.9	R 833.1	329.5	R 1,162.6
2011	2.5	254.3	R 107.0	16.7	62.8	R 155.5	1.7	R 56.1	R 399.9	0.0	R 7.4	R 24.3	1.0	(s)	139.1	R 828.5	329.5	R 1,158.0
2012	2.0	R 234.9	R 107.7	15.6	63.1	R 155.5	1.6	R 56.1	R 399.6	0.0	R 6.7	R 22.8	1.0	0.1	137.5	R 804.6	324.8	R 1,129.4
2013	2.0	265.3	124.7	10.1	69.3	155.3	1.1	53.1	413.6	0.0	7.6	23.8	1.0	0.1	136.0	849.4	313.7	1,163.1

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

[b] Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

[c] Liquefied petroleum gases, includes ethane and olefins.

[d] Beginning in 1993, includes fuel ethanol blended into motor gasoline.

[e] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

[f] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

[g] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

[h] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

[i] Losses and co-products from the production of fuel ethanol.

[j] Beginning in 2009, includes wind energy consumed by the commercial and industrial sectors. From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

[k] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

– – = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Total end-use consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. • Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. • See the Technical Notes for each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2013, Kansas

Year	Coal [a]	Natural Gas [b]	Petroleum				Biomass	Geothermal [e]	Solar/PV [e,f]	Retail Electricity Sales	Net Energy [e,g]	Electrical System Energy Losses [h]	Total [e,g]
			Distillate Fuel Oil	Kerosene	LPG [c]	Total	Wood [d]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Thousand Cords			Million Kilowatthours			
1960	37	73	53	303	3,609	3,966	157	– –	– –	2,360	– –	– –	– –
1965	10	87	50	1,285	4,179	5,515	102	– –	– –	3,251	– –	– –	– –
1970	6	97	53	116	5,052	5,221	80	– –	– –	5,348	– –	– –	– –
1975	0	98	96	60	4,778	4,934	93	– –	– –	5,695	– –	– –	– –
1980	1	85	150	5	2,181	2,335	439	– –	– –	7,189	– –	– –	– –
1985	(s)	78	68	27	1,538	1,633	560	– –	– –	8,195	– –	– –	– –
1990	(s)	71	28	11	1,238	1,277	317	– –	– –	9,515	– –	– –	– –
1995	5	76	14	13	1,538	1,565	278	– –	– –	10,356	– –	– –	– –
1996	9	85	17	19	2,064	2,101	289	– –	– –	10,672	– –	– –	– –
1997	(s)	69	35	12	2,494	2,541	225	– –	– –	10,862	– –	– –	– –
1998	(s)	70	11	18	2,657	2,686	200	– –	– –	11,832	– –	– –	– –
1999	1	68	14	346	3,499	3,859	205	– –	– –	11,347	– –	– –	– –
2000	1	71	17	20	2,720	2,757	221	– –	– –	12,528	– –	– –	– –
2001	(s)	70	44	14	1,959	2,017	218	– –	– –	12,062	– –	– –	– –
2002	(s)	71	36	10	2,356	2,401	221	– –	– –	12,745	– –	– –	– –
2003	(s)	70	18	11	2,553	2,583	232	– –	– –	12,602	– –	– –	– –
2004	0	65	13	10	2,332	2,355	238	– –	– –	12,417	– –	– –	– –
2005	0	65	4	10	2,244	2,257	198	– –	– –	13,406	– –	– –	– –
2006	(s)	57	3	5	1,630	1,638	176	– –	– –	13,503	– –	– –	– –
2007	0	63	2	2	2,117	2,121	194	– –	– –	13,806	– –	– –	– –
2008	0	70	4	1	2,744	2,749	218	– –	– –	R 13,502	– –	– –	– –
2009	0	71	4	3	2,594	2,601	226	– –	– –	13,149	– –	– –	– –
2010	0	67	3	2	2,332	2,337	197	– –	– –	14,334	– –	– –	– –
2011	0	65	7	1	2,210	2,218	202	– –	– –	14,344	– –	– –	– –
2012	0	50	8	(s)	1,768	1,777	188	– –	– –	13,797	– –	– –	– –
2013	0	68	3	(s)	2,057	2,060	260	– –	– –	13,593	– –	– –	– –
							Trillion Btu						
1960	0.8	76.1	0.3	1.7	13.8	15.9	3.1	NA	NA	8.1	103.9	19.9	123.8
1965	0.2	86.4	0.3	7.3	16.0	23.6	2.0	NA	NA	11.1	123.3	26.5	149.8
1970	0.1	97.1	0.3	0.7	19.4	20.3	1.6	NA	NA	18.2	137.4	44.1	181.6
1975	0.0	96.6	0.6	0.3	18.3	19.2	1.9	NA	NA	19.4	137.1	46.6	183.7
1980	(s)	84.8	0.9	(s)	8.4	9.3	8.8	NA	NA	24.5	127.4	58.9	186.3
1985	(s)	78.3	0.4	0.2	5.9	6.4	11.2	NA	NA	28.0	124.0	64.0	188.0
1990	(s)	71.3	0.2	0.1	4.7	5.0	6.3	(s)	(s)	32.5	115.1	80.9	196.0
1995	0.1	76.1	0.1	0.1	5.9	6.1	5.6	(s)	(s)	35.3	123.2	85.7	208.9
1996	0.2	85.1	0.1	0.1	7.9	8.1	5.8	(s)	(s)	36.4	135.7	89.6	225.3
1997	(s)	69.6	0.2	0.1	9.6	9.8	4.5	(s)	(s)	37.1	121.0	92.2	213.2
1998	(s)	69.8	0.1	0.1	10.2	10.4	4.0	(s)	(s)	40.4	124.6	97.0	221.6
1999	(s)	67.8	0.1	2.0	13.4	15.5	4.1	(s)	(s)	38.7	126.2	94.0	220.1
2000	(s)	71.1	0.1	0.1	10.4	10.6	4.4	(s)	(s)	42.7	129.0	103.5	232.5
2001	(s)	70.5	0.3	0.1	7.5	7.9	4.4	(s)	(s)	41.2	123.9	97.8	221.7
2002	(s)	71.5	0.2	0.1	9.0	9.3	4.4	(s)	(s)	43.5	128.7	103.0	231.7
2003	(s)	71.2	0.1	0.1	9.8	10.0	4.6	0.1	(s)	43.0	128.9	101.9	230.8
2004	0.0	65.9	0.1	0.1	8.9	9.1	4.8	0.1	(s)	42.4	122.2	101.9	224.1
2005	0.0	65.9	(s)	0.1	8.6	8.7	4.0	0.1	(s)	45.7	124.3	109.3	233.6
2006	(s)	58.2	(s)	(s)	6.3	6.3	3.5	0.1	(s)	46.1	114.2	109.0	223.2
2007	0.0	64.2	(s)	(s)	8.1	8.1	3.9	0.1	(s)	47.1	123.5	R 111.6	235.1
2008	0.0	72.9	(s)	(s)	10.5	10.6	4.4	0.1	(s)	R 46.1	R 134.0	R 108.2	R 242.2
2009	0.0	72.5	(s)	(s)	10.0	10.0	4.5	0.1	(s)	44.9	132.0	107.3	239.3
2010	0.0	68.4	(s)	(s)	8.9	9.0	3.9	0.2	(s)	48.9	130.4	R 116.8	247.3
2011	0.0	66.8	(s)	(s)	8.5	8.5	4.0	0.6	(s)	48.9	128.9	R 115.9	244.9
2012	0.0	R 51.6	(s)	(s)	6.8	6.8	3.8	0.3	0.1	47.1	109.6	111.2	R 220.9
2013	0.0	69.3	(s)	(s)	7.9	7.9	5.2	0.3	0.1	46.4	129.1	107.0	236.1

[a] Beginning in 2008, data are no longer collected and are assumed to be zero.
[b] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[c] Liquefied petroleum gases, includes ethane and olefins.
[d] Wood and wood-derived fuels.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[f] Solar thermal and photovoltaic energy. Includes distributed solar thermal and photovoltaic energy used in the commercial and industrial sectors.
[g] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.
[h] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

– – = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2013, Kansas

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass	Geothermal [f]	Retail Electricity Sales	Net Energy [f,h]	Electrical System Energy Losses [i]	Total [f,h]
			Distillate Fuel Oil	Kerosene	LPG [b]	Motor Gasoline [c]	Residual Fuel Oil	Total [d]		Wood and Waste [f,g]					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million Kilowatthours			Million Kilowatthours			
1960	25	41	115	87	446	179	47	874	NA	– –	– –	1,727	– –	– –	– –
1965	7	38	109	367	517	204	19	1,215	NA	– –	– –	2,597	– –	– –	– –
1970	4	53	115	33	624	215	34	1,022	NA	– –	– –	3,967	– –	– –	– –
1975	0	52	209	17	591	268	36	1,121	NA	– –	– –	5,614	– –	– –	– –
1980	4	59	360	10	270	279	0	918	NA	– –	– –	6,806	– –	– –	– –
1985	1	57	725	10	190	177	0	1,102	NA	– –	– –	8,174	– –	– –	– –
1990	(s)	56	329	6	153	162	27	677	0	– –	– –	9,547	– –	– –	– –
1995	33	53	562	6	190	74	12	844	0	– –	– –	10,645	– –	– –	– –
1996	69	57	554	5	255	99	2	915	0	– –	– –	11,388	– –	– –	– –
1997	2	41	473	28	308	90	0	899	0	– –	– –	12,043	– –	– –	– –
1998	(s)	42	441	9	328	94	79	951	0	– –	– –	12,546	– –	– –	– –
1999	6	39	474	4	432	61	0	971	0	– –	– –	12,258	– –	– –	– –
2000	10	40	571	5	336	85	3	1,001	0	– –	– –	13,171	– –	– –	– –
2001	(s)	38	807	7	242	78	7	1,140	0	– –	– –	13,215	– –	– –	– –
2002	(s)	39	636	5	291	43	9	984	0	– –	– –	13,773	– –	– –	– –
2003	(s)	38	655	5	277	108	0	1,045	0	– –	– –	13,751	– –	– –	– –
2004	0	37	576	8	291	82	0	957	0	– –	– –	13,831	– –	– –	– –
2005	0	30	244	14	294	74	0	627	0	– –	– –	14,453	– –	– –	– –
2006	(s)	28	290	9	138	131	0	567	0	– –	– –	14,786	– –	– –	– –
2007	0	31	267	4	267	74	0	611	0	– –	– –	15,474	– –	– –	– –
2008	0	34	301	2	462	62	0	826	0	– –	– –	R 15,496	– –	– –	– –
2009	0	33	309	2	401	75	(s)	787	0	– –	– –	15,007	– –	– –	– –
2010	0	32	245	2	484	76	(s)	807	0	– –	– –	15,436	– –	– –	– –
2011	0	32	279	1	324	54	(s)	659	0	– –	– –	15,609	– –	– –	– –
2012	0	25	374	1	221	96	0	R 690	0	– –	– –	15,456	– –	– –	– –
2013	0	33	328	1	296	35	0	661	0	– –	– –	15,245	– –	– –	– –
			Trillion Btu												
1960	0.6	42.6	0.7	0.5	1.7	0.9	0.3	4.1	NA	0.1	NA	5.9	53.2	14.6	67.8
1965	0.2	38.3	0.6	2.1	2.0	1.1	0.1	5.9	NA	(s)	NA	8.9	53.2	21.2	74.4
1970	0.1	52.5	0.7	0.2	2.4	1.1	0.2	4.6	NA	(s)	NA	13.5	70.8	32.7	103.5
1975	0.0	50.8	1.2	0.1	2.3	1.4	0.2	5.2	NA	(s)	NA	19.2	75.2	45.9	121.1
1980	0.1	58.5	2.1	0.1	1.0	1.5	0.0	4.7	NA	0.2	NA	23.2	86.7	55.8	142.5
1985	(s)	56.5	4.2	0.1	0.7	0.9	0.0	5.9	NA	0.3	NA	27.9	90.6	63.9	154.5
1990	(s)	56.0	1.9	(s)	0.6	0.9	0.2	3.6	0.0	0.7	(s)	32.6	92.9	81.2	174.1
1995	0.8	53.3	3.3	(s)	0.7	0.4	0.1	4.5	0.0	0.8	0.1	36.3	95.8	R 88.0	183.8
1996	1.7	57.0	3.2	(s)	1.0	0.5	(s)	4.8	0.0	0.8	0.1	38.9	103.3	95.6	198.9
1997	(s)	41.6	2.8	0.2	1.2	0.5	0.0	4.6	0.0	0.8	0.2	41.1	88.2	102.2	190.4
1998	(s)	41.5	2.6	(s)	1.3	0.5	0.5	4.9	0.0	0.7	0.2	42.8	90.1	102.9	192.9
1999	0.1	38.8	2.8	(s)	1.7	0.3	0.0	4.8	0.0	0.7	0.2	41.8	86.4	101.5	187.9
2000	0.2	40.6	3.3	(s)	1.3	0.4	(s)	5.1	0.0	0.7	0.2	44.9	91.8	108.8	R 200.6
2001	(s)	37.7	4.7	(s)	0.9	0.4	(s)	6.1	0.0	0.8	0.2	45.1	89.9	107.2	197.1
2002	(s)	39.1	3.7	(s)	1.1	0.2	0.1	5.1	0.0	0.8	0.3	47.0	92.3	111.3	203.6
2003	(s)	38.3	3.8	(s)	1.1	0.6	0.0	5.5	0.0	0.8	0.4	46.9	91.8	111.2	203.0
2004	0.0	37.3	3.4	(s)	1.1	0.4	0.0	4.9	0.0	0.8	0.4	47.2	90.6	113.6	204.2
2005	0.0	30.0	1.4	0.1	1.1	0.4	0.0	3.0	0.0	0.6	0.5	49.3	83.5	117.8	201.3
2006	(s)	28.0	1.7	(s)	0.5	0.7	0.0	2.9	0.0	0.6	0.5	50.5	82.5	119.4	201.9
2007	0.0	31.1	R 1.5	(s)	1.0	0.4	0.0	3.0	0.0	0.6	0.5	52.8	88.0	R 125.1	R 213.1
2008	0.0	34.7	R 1.7	(s)	1.8	0.3	0.0	R 3.8	0.0	0.7	0.6	R 52.9	R 92.7	R 124.2	R 216.9
2009	0.0	33.2	1.8	(s)	1.5	0.4	(s)	3.7	0.0	0.6	0.7	51.2	89.4	R 122.4	R 211.8
2010	0.0	32.4	1.4	(s)	1.9	0.4	(s)	3.7	0.0	0.6	0.8	52.7	R 90.1	125.8	216.0
2011	0.0	32.8	1.6	(s)	1.2	0.3	(s)	R 3.1	0.0	0.6	0.4	53.3	90.2	126.2	216.4
2012	0.0	26.0	2.2	(s)	0.8	0.5	0.0	3.5	0.0	0.5	0.7	52.7	R 83.4	124.6	R 208.0
2013	0.0	33.6	1.9	(s)	1.1	0.2	0.0	3.2	0.0	0.6	0.7	52.0	90.1	120.0	210.1

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[b] Liquefied petroleum gases, includes ethane and olefins.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[d] Includes small amounts of petroleum coke not shown separately.
[e] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[f] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[g] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[h] Distributed solar thermal and photovoltaic energy consumed in the commercial sector is included in residential consumption. From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2008, includes small amount of solar and wind energy consumed by commercial plants with capacity of 1 megawatt or greater. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.
[i] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

– – = Not applicable. NA = Not available.
Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.
Notes: Totals may not equal sum of components due to independent rounding. • The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2013, Kansas

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass		Geo-thermal [f]	Retail Electricity Sales	Net Energy [f,i]	Electrical System Energy Losses [j]	Total [f,i]
			Distillate Fuel Oil	LPG [b]	Motor Gasoline [c]	Residual Fuel Oil	Other [d]	Total		Wood and Waste [f,g]	Losses and Co-products [h]					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million kWh				Million kWh			
1960	175	121	1,405	1,321	4,557	1,924	8,535	17,742	0	– –	– –	– –	2,932	– –	– –	– –
1965	148	155	1,553	1,530	3,535	755	9,711	17,084	0	– –	– –	– –	3,902	– –	– –	– –
1970	103	184	2,515	1,985	2,777	701	9,170	17,149	0	– –	– –	– –	4,548	– –	– –	– –
1975	134	152	3,532	3,125	2,406	2,178	10,702	21,943	0	– –	– –	– –	6,214	– –	– –	– –
1980	331	191	3,476	5,844	1,198	1,004	11,857	23,379	0	– –	– –	– –	7,845	– –	– –	– –
1985	363	161	4,058	22,687	1,064	66	6,855	34,729	0	– –	– –	– –	7,167	– –	– –	– –
1990	157	158	4,545	14,032	765	181	11,399	30,922	0	– –	– –	– –	8,087	– –	– –	– –
1995	138	175	4,818	3,140	995	18	9,415	18,386	0	– –	– –	– –	9,356	– –	– –	– –
1996	154	158	4,825	8,100	1,021	133	9,538	23,616	0	– –	– –	– –	9,231	– –	– –	– –
1997	137	162	5,268	11,657	1,055	168	8,050	26,197	0	– –	– –	– –	9,365	– –	– –	– –
1998	109	145	4,850	11,109	1,156	184	7,931	25,230	0	– –	– –	– –	9,762	– –	– –	– –
1999	108	128	4,824	17,786	725	223	7,835	31,394	0	– –	– –	– –	10,215	– –	– –	– –
2000	134	139	4,478	14,315	716	401	7,577	27,486	0	– –	– –	– –	10,222	– –	– –	– –
2001	165	116	4,902	8,865	969	317	10,358	25,411	0	– –	– –	– –	10,569	– –	– –	– –
2002	178	138	4,470	7,962	1,017	172	9,677	23,299	0	– –	– –	– –	10,195	– –	– –	– –
2003	158	125	4,947	14,062	1,094	624	9,324	30,051	0	– –	– –	– –	10,382	– –	– –	– –
2004	203	116	5,402	12,142	1,289	667	9,601	29,101	0	– –	– –	– –	10,879	– –	– –	– –
2005	205	118	4,936	153	1,195	333	8,852	15,469	0	– –	– –	– –	11,165	– –	– –	– –
2006	237	132	5,498	66	1,275	619	8,885	16,343	0	– –	– –	– –	11,462	– –	– –	– –
2007	241	143	4,901	15,167	1,020	464	8,424	29,977	0	– –	– –	– –	10,885	– –	– –	– –
2008	162	129	5,480	11,834	800	1,220	7,561	26,895	0	– –	– –	– –	R 10,967	– –	– –	– –
2009	105	125	4,616	13,213	814	444	7,844	26,932	0	– –	– –	– –	10,087	– –	– –	– –
2010	111	124	5,084	14,848	626	361	8,457	29,376	0	– –	– –	– –	10,651	– –	– –	– –
2011	104	128	4,556	15,347	627	274	8,521	29,324	0	– –	– –	– –	10,807	– –	– –	– –
2012	R 88	134	4,470	15,886	R 556	250	8,620	R 29,782	0	– –	– –	– –	11,041	– –	– –	– –
2013	85	136	4,409	17,148	541	176	8,134	30,407	0	– –	– –	– –	11,009	– –	– –	– –
			Trillion Btu													
1960	4.0	125.7	8.2	5.5	23.9	12.1	52.5	102.2	0.0	0.7	NA	NA	10.0	242.6	24.7	267.3
1965	3.3	154.3	9.0	6.4	18.6	4.7	60.1	98.8	0.0	1.3	NA	NA	13.3	271.0	31.8	302.8
1970	2.2	184.1	14.7	7.4	14.6	4.4	56.1	97.2	0.0	2.0	NA	NA	15.5	301.1	37.5	338.6
1975	2.7	148.8	20.6	11.4	12.6	13.7	65.5	123.8	0.0	3.9	NA	NA	21.2	300.4	50.9	351.3
1980	7.1	189.7	20.2	21.2	6.3	6.3	72.7	126.8	0.0	0.0	NA	NA	26.8	350.4	64.3	414.7
1985	7.8	161.3	23.6	80.5	5.6	0.4	42.7	152.8	0.0	0.0	1.4	NA	24.5	347.9	56.0	403.9
1990	3.8	157.7	26.5	50.0	4.0	1.1	70.5	152.2	0.0	4.7	1.3	0.0	27.6	347.3	68.8	416.1
1995	3.3	176.0	R 28.0	11.2	5.2	0.1	59.1	103.7	0.0	4.0	1.9	0.0	31.9	320.9	77.4	398.3
1996	3.9	157.9	28.1	28.8	5.3	0.8	59.5	122.5	0.0	3.9	0.8	0.0	31.5	320.5	77.5	398.0
1997	3.4	162.8	30.7	41.5	5.5	1.1	49.6	R 128.3	0.0	3.2	1.3	0.0	32.0	330.9	79.5	410.4
1998	2.7	144.0	28.2	39.5	6.0	1.2	49.4	R 124.3	0.0	3.0	1.5	0.0	33.3	308.9	80.0	388.9
1999	2.7	127.6	28.1	63.2	3.8	1.4	48.6	145.1	0.0	3.1	1.4	0.0	34.9	314.6	84.6	399.2
2000	3.2	139.7	26.1	50.7	3.7	2.5	47.2	130.2	0.0	2.5	1.6	0.0	34.9	312.1	84.4	396.5
2001	3.9	116.4	R 28.5	31.4	5.1	2.0	64.8	R 131.7	0.0	2.9	1.8	0.0	36.1	292.7	85.7	378.4
2002	4.3	139.0	26.0	28.2	5.3	1.1	60.4	121.1	0.0	2.9	3.8	0.0	34.8	305.8	82.4	388.2
2003	3.8	126.9	28.8	50.1	5.7	3.9	57.8	R 146.3	0.0	2.8	5.9	0.0	35.4	R 321.2	84.0	405.2
2004	5.0	117.4	R 31.4	43.2	6.7	4.2	R 60.2	R 145.6	0.0	2.8	6.6	0.0	37.1	R 314.6	89.3	R 403.9
2005	5.0	119.4	R 28.7	0.5	6.2	2.1	R 54.8	R 92.4	0.0	3.0	R 7.7	0.0	38.1	R 265.6	91.0	R 356.6
2006	5.7	134.7	R 31.9	0.2	R 6.6	3.9	R 55.0	R 97.7	0.0	0.6	R 10.0	0.0	39.1	287.8	92.5	380.3
2007	5.8	145.1	R 28.4	53.5	5.3	2.9	R 52.0	142.0	0.0	0.6	R 13.1	0.0	37.1	R 343.7	88.0	R 431.8
2008	4.0	133.4	R 31.7	41.5	R 4.1	7.7	R 46.5	131.5	0.0	0.6	R 24.7	0.0	R 37.4	331.6	R 87.9	R 419.5
2009	2.5	127.3	R 26.7	45.8	4.2	2.8	R 48.5	127.9	0.0	0.6	R 22.6	0.0	34.4	R 315.3	82.3	R 397.6
2010	2.7	126.4	R 29.4	51.6	R 3.2	2.3	R 52.2	R 138.6	0.0	0.6	R 24.9	0.0	36.3	R 329.5	86.8	R 416.3
2011	2.5	131.0	R 26.3	52.8	R 3.2	1.7	R 52.5	136.5	0.0	R 2.7	R 24.3	0.0	36.9	R 333.9	87.4	R 421.3
2012	2.0	R 137.0	R 25.8	55.1	R 2.8	1.6	R 53.1	R 138.4	0.0	R 2.4	R 22.8	0.0	37.7	R 340.3	89.0	R 429.3
2013	2.0	138.5	25.5	59.8	2.7	1.1	50.0	139.1	0.0	1.8	23.8	0.0	37.6	342.9	86.7	429.5

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[b] Liquefied petroleum gases, includes ethane and olefins.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[d] Includes asphalt and road oil, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."
[e] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[f] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[g] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[h] Losses and co-products from the production of fuel ethanol.
[i] Distributed solar thermal and photovoltaic energy consumed in the industrial sector is included in residential consumption. From 1981 through 1992, includes fuel ethanol blended into motor gasoline but not shown in the motor gasoline column. Beginning in 2008, includes small amount of solar and wind energy consumed by industrial plants with capacity of 1 megawatt or greater. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.
[j] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

kWh = Kilowatthours. – – = Not applicable. NA = Not available.
Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.
Notes: Totals may not equal sum of components due to independent rounding. • The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2013, Kansas

Year	Coal	Natural Gas [a]	Petroleum								Retail Electricity Sales	Net Energy [e,f]	Electrical System Energy Losses [g]	Total [e,f]
			Aviation Gasoline	Distillate Fuel Oil	Jet Fuel [b]	LPG [c]	Lubricants	Motor Gasoline [d]	Residual Fuel Oil	Total				
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Million Kilowatthours			
1960	3	43	170	3,056	952	215	507	18,976	190	24,065	0	– –	– –	– –
1965	(s)	50	493	3,473	1,053	295	467	21,786	137	27,704	0	– –	– –	– –
1970	(s)	73	326	4,691	1,561	348	448	25,857	8	33,238	0	– –	– –	– –
1975	(s)	69	177	5,898	1,310	364	520	29,331	17	37,615	0	– –	– –	– –
1980	0	52	221	10,397	2,466	110	603	28,107	2	41,906	0	– –	– –	– –
1985	0	38	137	9,856	4,424	95	549	26,968	0	42,031	0	– –	– –	– –
1990	0	41	136	11,665	3,701	142	618	27,700	0	43,962	0	– –	– –	– –
1995	0	35	146	12,678	2,414	56	589	28,333	0	44,217	0	– –	– –	– –
1996	0	38	177	10,998	2,009	23	572	29,807	0	43,586	0	– –	– –	– –
1997	0	39	247	10,435	2,131	97	604	29,551	0	43,066	0	– –	– –	– –
1998	0	33	199	10,333	2,159	26	633	30,751	3	44,104	0	– –	– –	– –
1999	0	32	240	10,054	3,476	23	639	32,764	8	47,203	0	– –	– –	– –
2000	0	29	215	9,513	3,234	30	630	31,094	0	44,715	0	– –	– –	– –
2001	0	26	196	9,603	2,259	56	577	29,249	1	41,942	0	– –	– –	– –
2002	0	36	127	11,097	2,135	50	570	27,511	7	41,498	0	– –	– –	– –
2003	0	33	102	11,333	3,228	51	527	31,519	8	46,768	0	– –	– –	– –
2004	0	29	115	11,059	3,104	43	534	30,445	8	45,308	0	– –	– –	– –
2005	0	29	214	12,827	1,758	77	531	26,893	0	42,300	0	– –	– –	– –
2006	0	25	218	13,056	1,752	40	517	30,198	0	45,782	0	– –	– –	– –
2007	0	25	165	14,127	1,543	41	534	30,885	0	47,295	0	– –	– –	– –
2008	0	24	184	14,228	1,735	70	496	30,343	0	47,056	0	– –	– –	– –
2009	0	26	134	14,455	2,447	69	446	30,879	0	48,429	0	– –	– –	– –
2010	0	24	175	13,717	3,034	52	496	31,069	0	48,543	0	– –	– –	– –
2011	0	23	153	13,691	2,951	73	470	29,996	0	47,335	0	– –	– –	– –
2012	0	20	R 72	13,808	2,759	R 91	433	R 30,067	0	R 47,229	0	– –	– –	– –
2013	0	23	63	16,861	1,785	113	458	30,099	0	49,379	0	– –	– –	– –
	Trillion Btu													
1960	0.1	44.3	0.9	17.8	5.1	0.8	3.1	99.7	1.2	128.5	0.0	172.9	0.0	172.9
1965	(s)	49.5	2.5	20.2	5.7	1.1	2.8	114.4	0.9	147.7	0.0	197.1	0.0	197.1
1970	(s)	73.2	1.6	27.3	8.6	1.3	2.7	135.8	0.1	177.5	0.0	250.7	0.0	250.7
1975	(s)	68.0	0.9	34.4	7.2	1.4	3.2	154.1	0.1	201.2	0.0	269.1	0.0	269.1
1980	0.0	52.0	1.1	60.6	13.8	0.4	3.7	147.6	(s)	227.2	0.0	279.2	0.0	279.2
1985	0.0	38.1	0.7	57.4	24.8	0.4	3.3	141.7	0.0	228.3	0.0	268.2	0.0	268.2
1990	0.0	40.6	0.7	67.9	20.7	0.5	3.7	145.5	0.0	239.2	0.0	280.3	0.0	280.3
1995	0.0	34.7	0.7	R 73.8	13.7	0.2	3.6	147.8	0.0	239.8	0.0	R 274.6	0.0	R 274.6
1996	0.0	38.1	0.9	R 64.0	11.4	0.1	3.5	155.5	0.0	235.4	0.0	273.5	0.0	273.5
1997	0.0	39.2	1.2	R 60.7	12.1	0.4	3.7	R 154.1	0.0	232.2	0.0	271.4	0.0	271.4
1998	0.0	32.7	1.0	R 60.1	12.2	0.1	3.8	R 160.4	(s)	237.7	0.0	270.4	0.0	270.4
1999	0.0	31.6	1.2	R 58.5	19.7	0.1	3.9	R 170.8	(s)	254.2	0.0	285.8	0.0	285.8
2000	0.0	29.6	1.1	55.4	18.3	0.1	3.8	R 162.1	0.0	240.8	0.0	R 270.4	0.0	R 270.4
2001	0.0	25.7	1.0	55.9	12.8	0.2	3.5	R 152.5	(s)	R 225.9	0.0	251.6	0.0	251.6
2002	0.0	36.4	0.6	64.6	12.1	0.2	3.5	R 143.4	(s)	224.4	0.0	260.8	0.0	260.8
2003	0.0	33.8	0.5	R 65.9	18.3	0.2	3.2	R 164.0	(s)	R 252.2	0.0	R 286.0	0.0	R 286.0
2004	0.0	29.0	0.6	R 64.3	17.6	0.2	3.2	R 158.3	(s)	R 244.3	0.0	R 273.3	0.0	R 273.3
2005	0.0	29.2	1.1	R 74.6	10.0	0.3	3.2	R 139.8	0.0	R 229.0	0.0	R 258.2	0.0	R 258.2
2006	0.0	25.5	1.1	R 75.8	9.9	0.2	3.1	R 156.8	0.0	R 246.8	0.0	R 272.4	0.0	R 272.4
2007	0.0	25.2	0.8	R 81.7	8.7	0.2	3.2	R 159.2	0.0	R 253.9	0.0	R 279.1	0.0	R 279.1
2008	0.0	24.4	0.9	R 82.2	9.8	0.3	3.0	R 155.5	0.0	R 251.8	0.0	R 276.3	0.0	R 276.3
2009	0.0	27.0	0.7	R 83.6	13.9	0.3	2.7	R 157.5	0.0	R 258.6	0.0	R 285.6	0.0	R 285.6
2010	0.0	24.8	0.9	R 79.3	17.2	0.2	3.0	R 157.8	0.0	R 258.3	0.0	R 283.1	0.0	R 283.1
2011	0.0	23.7	0.8	R 79.1	16.7	0.3	2.9	R 152.0	0.0	R 251.7	0.0	R 275.4	0.0	R 275.4
2012	0.0	20.3	R 0.4	R 79.7	15.6	0.4	2.6	R 152.2	0.0	R 250.9	0.0	R 271.2	0.0	R 271.2
2013	0.0	23.9	0.3	97.4	10.1	0.4	2.8	152.4	0.0	263.4	0.0	287.3	0.0	287.3

[a] Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.

[b] Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial sector, Other Petroleum."

[c] Liquefied petroleum gases, includes ethane and olefins.

[d] Beginning in 1993, motor gasoline includes fuel ethanol blended into the product.

[e] There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.

[f] From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

[g] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

– – = Not applicable.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2013, Kansas

Year	Coal	Natural Gas [a]	Petroleum				Nuclear Electric Power	Hydroelectric Power [d]	Biomass	Geothermal [f]	Solar/PV [f,g]	Wind [f]	Net Electricity Imports [h]	Total [f,i]
			Distillate Fuel Oil [b]	Petroleum Coke	Residual Fuel Oil [c]	Total			Wood and Waste [e,f]					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours			Million Kilowatthours				
1960	435	82	110	0	241	351	0	20	– –	0	NA	NA	0	– –
1965	478	113	71	0	156	226	0	13	– –	0	NA	NA	0	– –
1970	344	168	175	0	385	560	0	7	– –	0	NA	NA	0	– –
1975	2,983	128	1,539	4	4,134	5,676	0	5	– –	0	NA	NA	0	– –
1980	10,034	101	382	0	492	875	0	8	– –	0	NA	NA	0	– –
1985	14,351	21	195	0	20	215	3,856	9	– –	0	0	(s)	0	– –
1990	15,018	27	130	0	22	152	7,874	13	– –	0	0	(s)	0	– –
1995	16,345	28	150	0	1	151	10,062	11	– –	0	0	(s)	0	– –
1996	18,852	23	176	0	155	331	8,205	11	– –	0	0	0	0	– –
1997	17,534	26	163	0	89	252	8,430	14	– –	0	0	0	(s)	– –
1998	17,627	37	294	0	4	298	10,411	11	– –	0	0	0	4	– –
1999	18,888	36	293	0	339	632	9,157	12	– –	0	0	0	-7	– –
2000	20,699	34	269	0	533	803	9,061	15	– –	0	0	0	0	– –
2001	20,150	23	193	0	976	1,169	10,347	26	– –	0	0	40	0	– –
2002	22,660	21	121	0	802	923	9,042	13	– –	0	0	467	0	– –
2003	22,580	14	147	0	1,528	1,675	8,890	12	– –	0	0	366	0	– –
2004	22,139	10	105	0	1,510	1,615	10,133	13	– –	0	0	359	(s)	– –
2005	22,046	14	135	0	1,722	1,857	8,821	11	– –	0	0	426	(s)	– –
2006	20,874	22	122	0	0	122	9,350	10	– –	0	0	992	0	– –
2007	22,780	26	94	376	0	470	10,369	11	– –	0	0	1,153	(s)	– –
2008	21,616	27	91	258	0	349	8,497	11	– –	0	0	1,759	0	– –
2009	20,783	32	86	268	0	353	8,769	13	– –	0	0	2,863	(s)	– –
2010	20,965	28	98	199	0	296	9,556	13	– –	0	0	3,405	0	– –
2011	20,129	31	86	66	0	152	7,319	15	– –	0	0	3,720	0	– –
2012	17,759	33	78	0	0	78	8,285	10	– –	0	0	5,195	0	– –
2013	18,915	23	109	0	0	109	7,168	15	– –	0	0	9,433	0	– –
							Trillion Btu							
1960	10.3	85.1	0.6	0.0	1.5	2.2	0.0	0.2	0.0	0.0	NA	NA	0.0	97.8
1965	11.6	112.4	0.4	0.0	1.0	1.4	0.0	0.1	0.0	0.0	NA	NA	0.0	125.5
1970	8.3	167.5	1.0	0.0	2.4	3.4	0.0	0.1	0.0	0.0	NA	NA	0.0	179.4
1975	59.5	126.7	9.0	(s)	26.0	35.0	0.0	(s)	0.0	0.0	NA	NA	0.0	221.2
1980	184.3	97.0	2.2	0.0	3.1	5.3	0.0	0.1	0.0	0.0	NA	NA	0.0	286.7
1985	251.7	20.5	1.1	0.0	0.1	1.3	41.0	0.1	0.0	0.0	0.0	(s)	0.0	314.5
1990	267.9	27.1	0.8	0.0	0.1	0.9	83.3	0.1	0.0	0.0	0.0	(s)	0.0	379.4
1995	285.5	27.6	0.9	0.0	(s)	0.9	105.7	0.1	0.0	0.0	0.0	(s)	0.0	419.8
1996	332.5	22.7	1.0	0.0	1.0	2.0	86.2	0.1	0.0	0.0	0.0	0.0	0.0	443.5
1997	307.5	25.5	R 0.9	0.0	0.6	1.5	88.5	0.1	0.0	0.0	0.0	0.0	(s)	423.1
1998	306.7	37.1	1.7	0.0	(s)	1.7	109.2	0.1	0.0	0.0	0.0	0.0	(s)	454.8
1999	326.5	36.3	1.7	0.0	2.1	3.8	95.7	0.1	0.0	0.0	0.0	0.0	(s)	462.4
2000	359.3	33.9	1.6	0.0	3.4	4.9	94.5	0.2	0.0	0.0	0.0	0.0	0.0	492.8
2001	350.8	23.5	1.1	0.0	6.1	7.3	108.1	0.3	0.0	0.0	0.0	0.4	0.0	490.3
2002	387.4	21.4	0.7	0.0	5.0	5.7	94.4	0.1	0.0	0.0	0.0	4.7	0.0	513.8
2003	385.6	14.5	0.9	0.0	9.6	10.5	92.6	0.1	0.0	0.0	0.0	3.7	0.0	507.1
2004	380.5	10.5	0.6	0.0	9.5	10.1	105.7	0.1	0.0	0.0	0.0	3.6	(s)	510.5
2005	374.8	14.2	0.8	0.0	10.8	11.6	92.1	0.1	0.0	0.0	0.0	4.3	(s)	497.1
2006	358.5	22.8	0.7	0.0	0.0	0.7	97.6	0.1	0.0	0.0	0.0	9.8	0.0	489.6
2007	390.6	26.1	0.5	R 2.2	0.0	R 2.7	108.8	0.1	0.0	0.0	0.0	11.4	(s)	R 539.6
2008	367.8	27.1	0.5	R 1.5	0.0	R 2.0	88.8	0.1	0.0	0.0	0.0	17.3	0.0	R 503.1
2009	353.6	32.5	0.5	R 1.5	0.0	R 2.0	91.7	0.1	0.0	0.0	0.0	27.9	(s)	R 507.9
2010	357.3	28.4	0.6	R 1.1	0.0	R 1.7	99.9	0.1	0.6	0.0	0.0	33.2	0.0	R 521.1
2011	344.0	31.0	0.5	0.4	0.0	0.9	76.6	0.1	0.7	0.0	0.0	36.1	0.0	489.5
2012	305.6	33.2	0.5	0.0	0.0	0.5	86.8	0.1	0.6	0.0	0.0	49.4	0.0	476.2
2013	324.8	23.7	0.6	0.0	0.0	0.6	74.9	0.1	0.9	0.0	0.0	90.0	0.0	515.0

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[b] Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.
[c] Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.
[d] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[e] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[f] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[g] Solar thermal and photovoltaic energy.
[h] Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.
[i] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

– – = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.